

A New Geoscience  
Program in Denali  
National Park and  
Preserve

for students entering  
10<sup>th</sup>-12<sup>th</sup> grade



# TECHNOLOGY IN THE WILDERNESS

~ Four-day Science Camp in Denali ~



## PROGRAM DESCRIPTION

How do we determine the exact height of Denali? How can we find a wolf in a 6 million acres park? How do we measure changes in glaciers? How can we find a lost person? Denali National Park and Preserve has stayed mostly unchanged since its creation 100 years ago, yet the way that scientists study the park has improved greatly with technological advances. If you are intrigued by science and technology and want to meet people who use it in their careers, this program is for you. Technology in the Wilderness science camp introduces you to the fun and challenges of surveying and field science. Science camp teams will help the National Park Service and the National Geodetic Survey by collecting GPS data that will improve science mapping in Alaska. This is an experience that any science enthusiast and outdoor enthusiast must not miss.

### 2016 Summer Sessions

June 28 - July 1

July 5-8

July 12-15

July 19 - July 22

Application deadline: May 6<sup>th</sup>

## DETAILS ABOUT THE CAMP

Technology in the Wilderness is a four-day course for high school students entering 10th-12th grade. It is a partnership program between the National Park Service, National Oceanic and Atmospheric Administration (NOAA) and Alaska Geographic. Based at Riley Creek Campground, the group will take daily trips into the park to hike and learn from park scientists. Meet new friends, explore the wild and learn about new technologies. No prior experience is necessary. If you are ready to learn, eager for an adventure and have a positive attitude, you should apply for this summer experience!

**How to Apply:** A student must be nominated by a teacher or community leader that has completed the [Online Nominator Form](#). The student must complete the [Online Student Application](#). The application deadline is **Friday, May 6**. Applications will be accepted after this date if spots remain open. Acceptance notifications will be sent in early May.

**Physical Fitness Expectations:** Students will stay in a campground at the entrance of the park. Each day will include a hike of 1 to 6 miles during which participants will be carrying day packs. Some hikes will be off-trail so students should be prepared to learn techniques for safe travel across uneven and steep terrain, traveling in bear and moose country, and route finding.

**Transportation:** The program begins at the Murie Science and Learning Center, at the entrance to Denali National Park and Preserve. Students needing assistance with transportation between Fairbanks and Denali may request additional scholarship support for a bus or train ticket. Please note, this travel portion will be unsupervised. Staff will meet the group at the bus/train depot in Denali.

**Gear & Clothing:** Much of the camping gear will be provided. A detailed clothing list will be sent to the successful applicants.

**Safety:** Alaska Geographic and the National Park Service have excellent records of operating safe outdoor programs. Though no outdoor program can remove all potential risk, we strive to carefully manage and reduce the risks our students face on our programs.

**Cancellation Policy:** If you are accepted into one of the sessions, we expect that you will not withdraw. If unexpected circumstances arise, please contact us immediately.

**Cost:** \$300. Several scholarships are available that will cover 100%, 75% or 50% of the tuition. The student application has a section for requesting a scholarship.

**Application  
Deadline  
extended to  
Friday, May 6<sup>th</sup>.**



Application materials are online. Nominator must fill out the [Nominator Form](#). Students must complete the [Student Application](#).

# Nominator Guidelines

2016 Technology in the Wilderness Program for students entering 10<sup>th</sup>-12<sup>th</sup> grade

Alaska Geographic, the National Park Service and NOAA are seeking motivated teenagers to join this active learning expedition in Denali. **Scholarships are available to help with tuition and transportation.**

To build future leaders of our communities and stewards of our public lands, NOW is the time to engage young, innovative minds in addressing the challenges of the future. We build exciting teams of Alaskan teens that represent diverse backgrounds, including under-served demographics. We find unique and amazing youth through adult nominators who know and work with them already – that's where you come in. Please carefully read the nomination guidelines below and contact us with any questions. A nominator can be anyone outside of the student's immediate family. We prefer that they know the applicant in an education, community or activity leadership capacity.

## Nominating a Student - Who We Are Seeking?

We will select student nominees that meet at least three of the following criteria:

- Would benefit from a formative outdoor experience;
- Has a strong interest in science, technology and/or outdoor skills development;
- Is respectful of fellow students and adults;
- May have external challenges that limit their opportunities for experience such as this;
- Identify with a minority or Alaska Native peoples group.

## How to Nominate a Student:

1. Provide the student with a copy of the program description (pages 1 & 2) and the link to the [Online Student Application](#).
2. Ensure that the student finishes their online application, assisting them as needed.
3. Complete the [Online Nominator Form](#).
4. The student application and the nominator form should be **submitted by Friday, May 6**. Later applications will be considered if spots still remain.

The selection committee will review the application packets and select candidates based on their initiative, motivation and the recommendation from a nominator. Successful applicants will be notified in May by phone or email. Unfortunately, we cannot guarantee that everyone who applies will be able to participate. We will keep an active waiting list.

**For questions please contact us at [courses@murieslc.org](mailto:courses@murieslc.org) or 907-683-6438.**